

FIG. 1 is a block diagram of a system architecture for assembly validation. The system includes a top assembly digest (19) and a module (14). The top assembly digest (19) is composed of a top assembly digest section (19) and a metadata section (16). The metadata section (16) includes identity information (17) and a file validation digest (18). The module (14) is connected to the top assembly digest (19) and the metadata section (16). The system also includes an assembly #2 metadata section (22) which includes identity information (24) and a reference validation digest (26). The assembly #2 metadata section (22) is connected to the top assembly digest (19) and the metadata section (16).

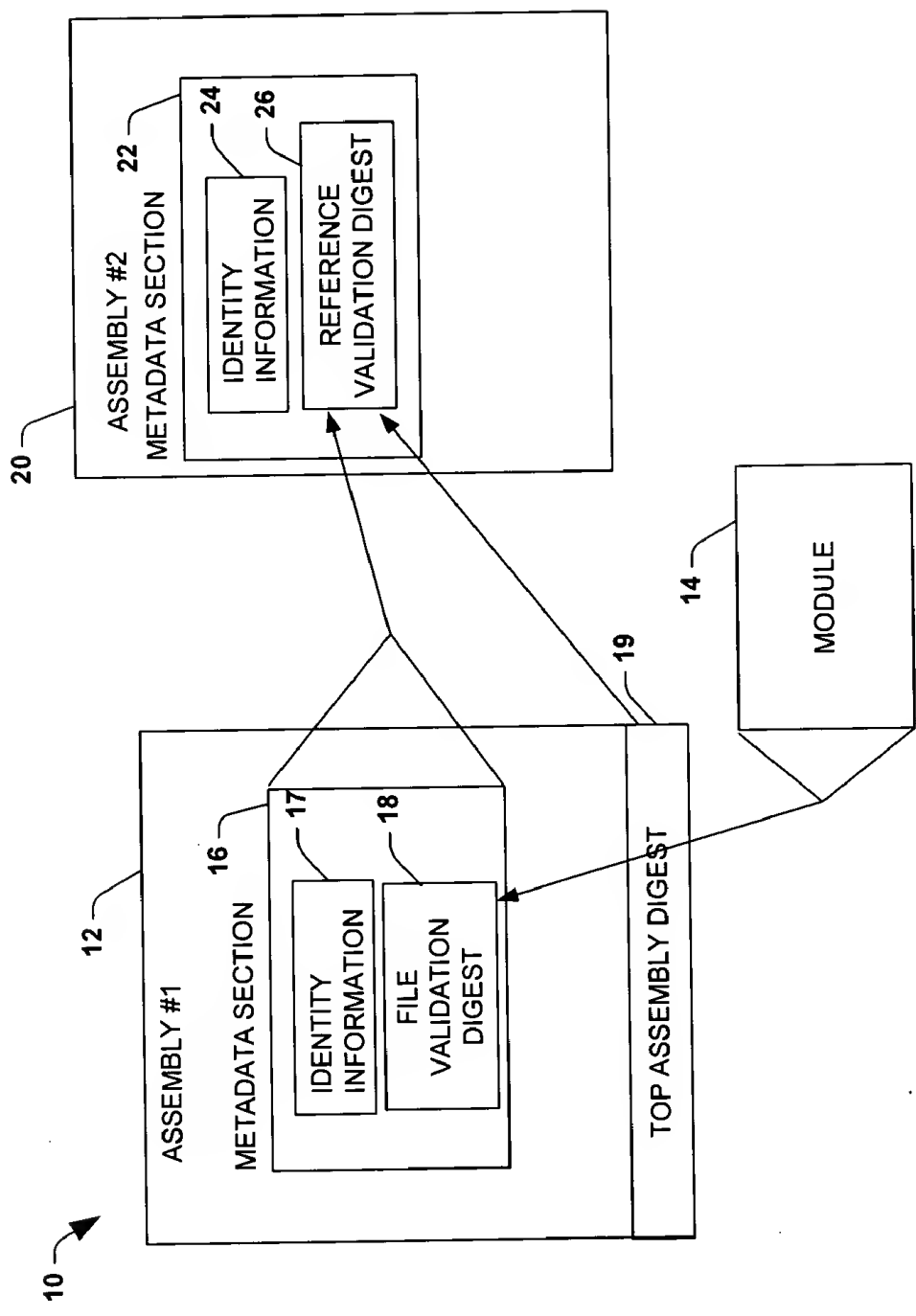


Fig. 1

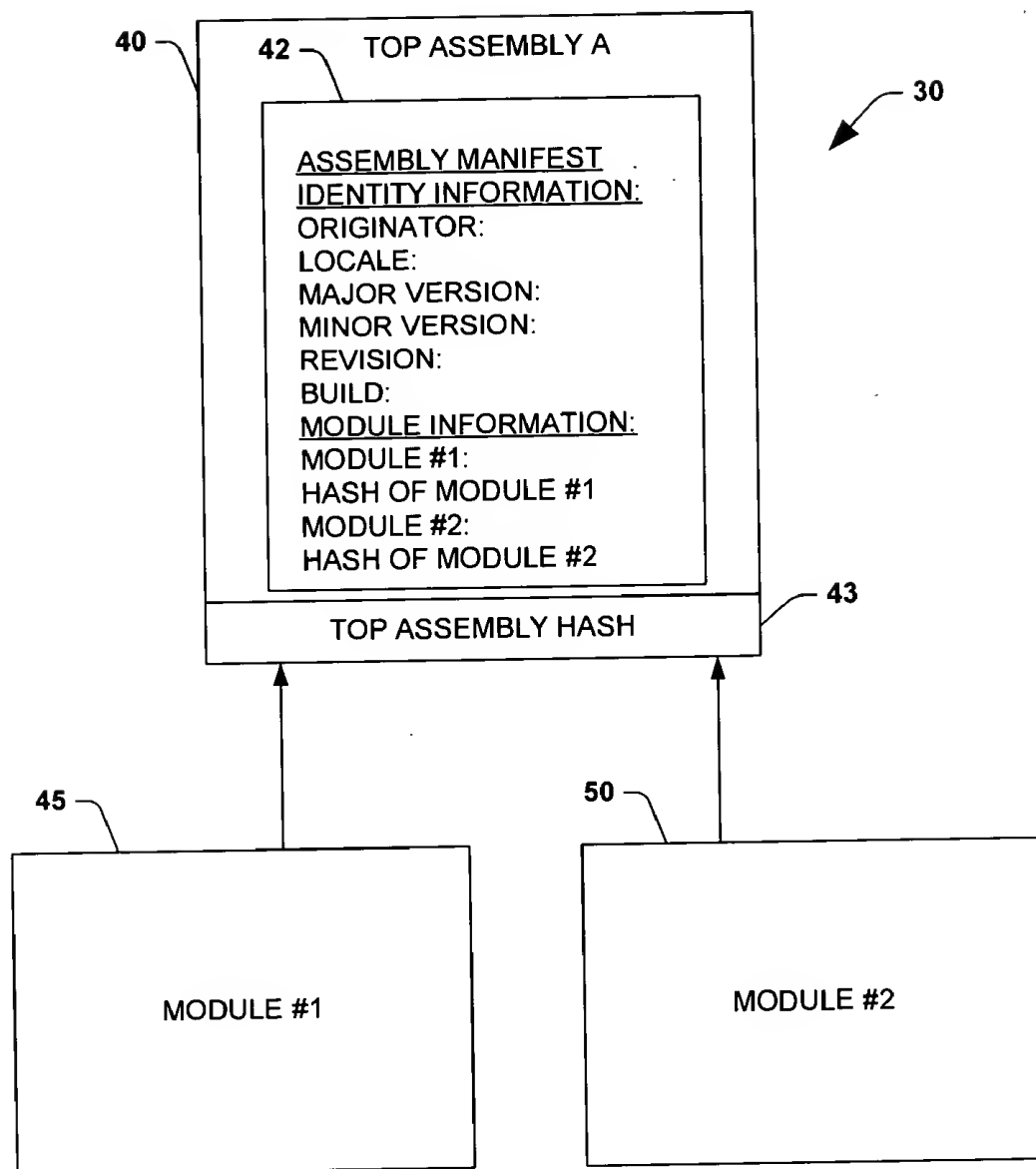


Fig. 2

FIG. 3 is a block diagram of an assembly manifest structure 60, showing the relationship between assembly manifests and modules. The structure 60 includes Assembly C (80) and Assembly D (90). Assembly C (80) contains Assembly Manifest Identity Information (82) and Top Assembly Digest (Optional) (83). Assembly D (90) contains Assembly Manifest Module Information (94) and Top Assembly Digest (Optional) (95). Module #1 (96) and Module #2 (98) are shown as components of Assembly D (90).

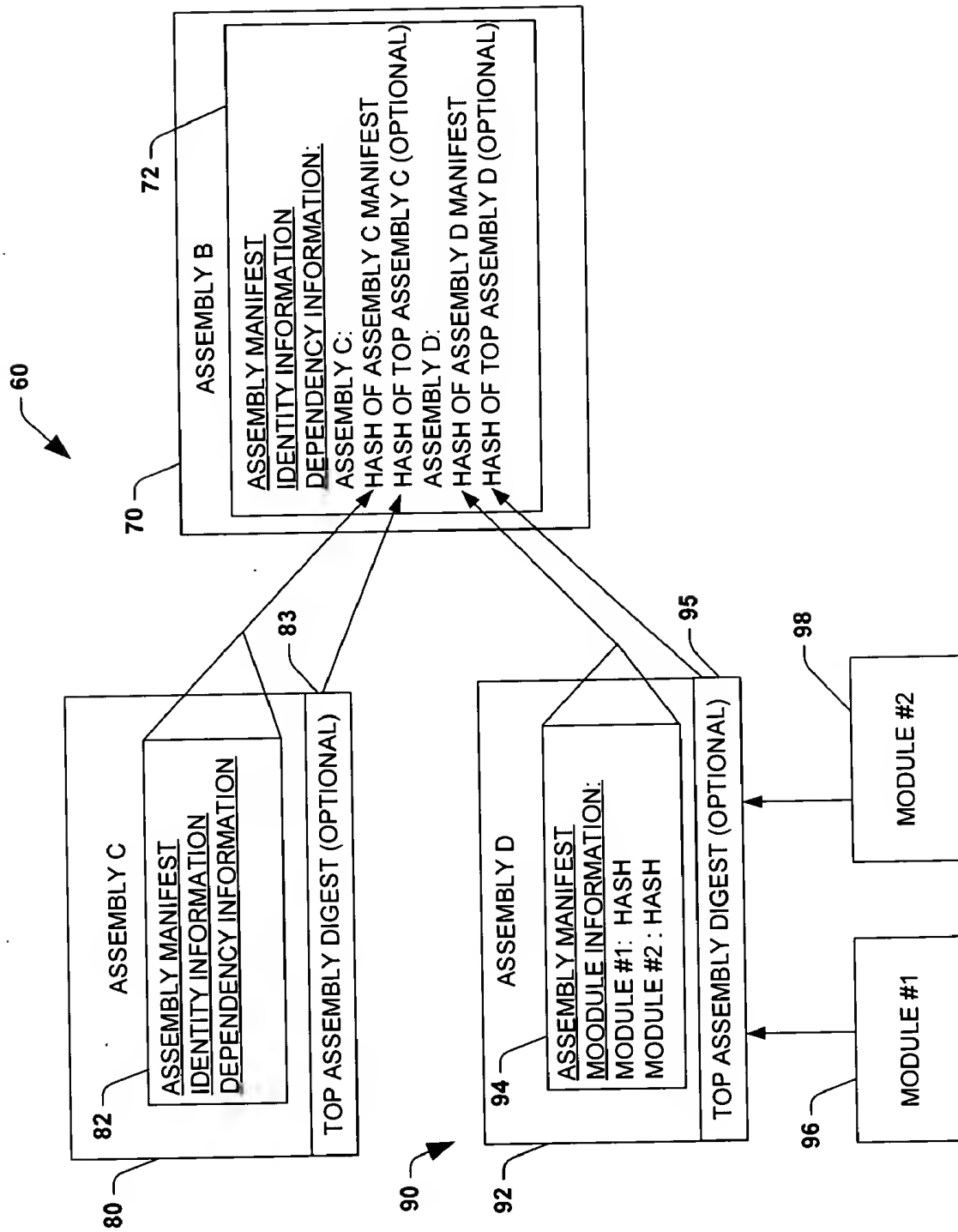


Fig. 3

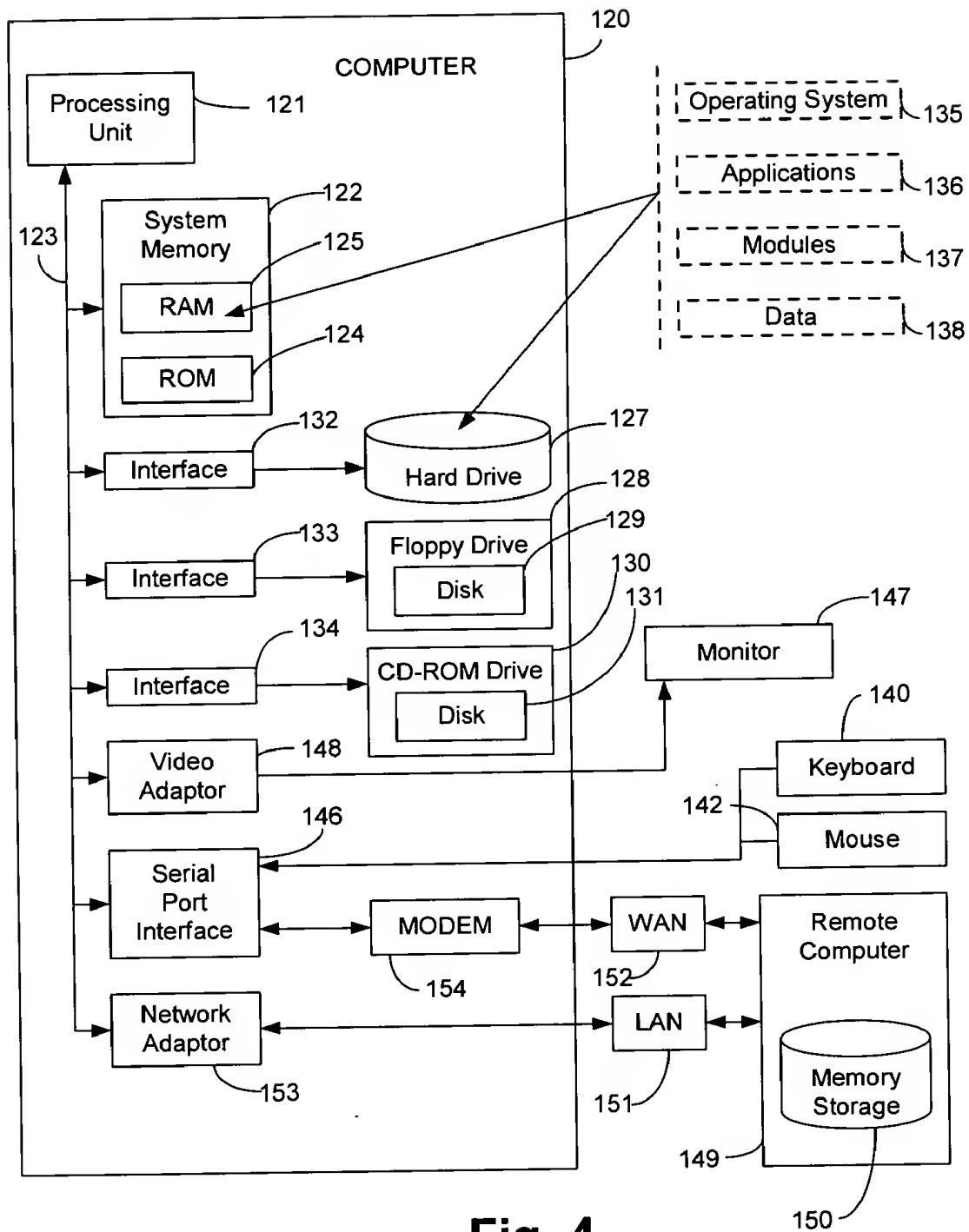


Fig. 4

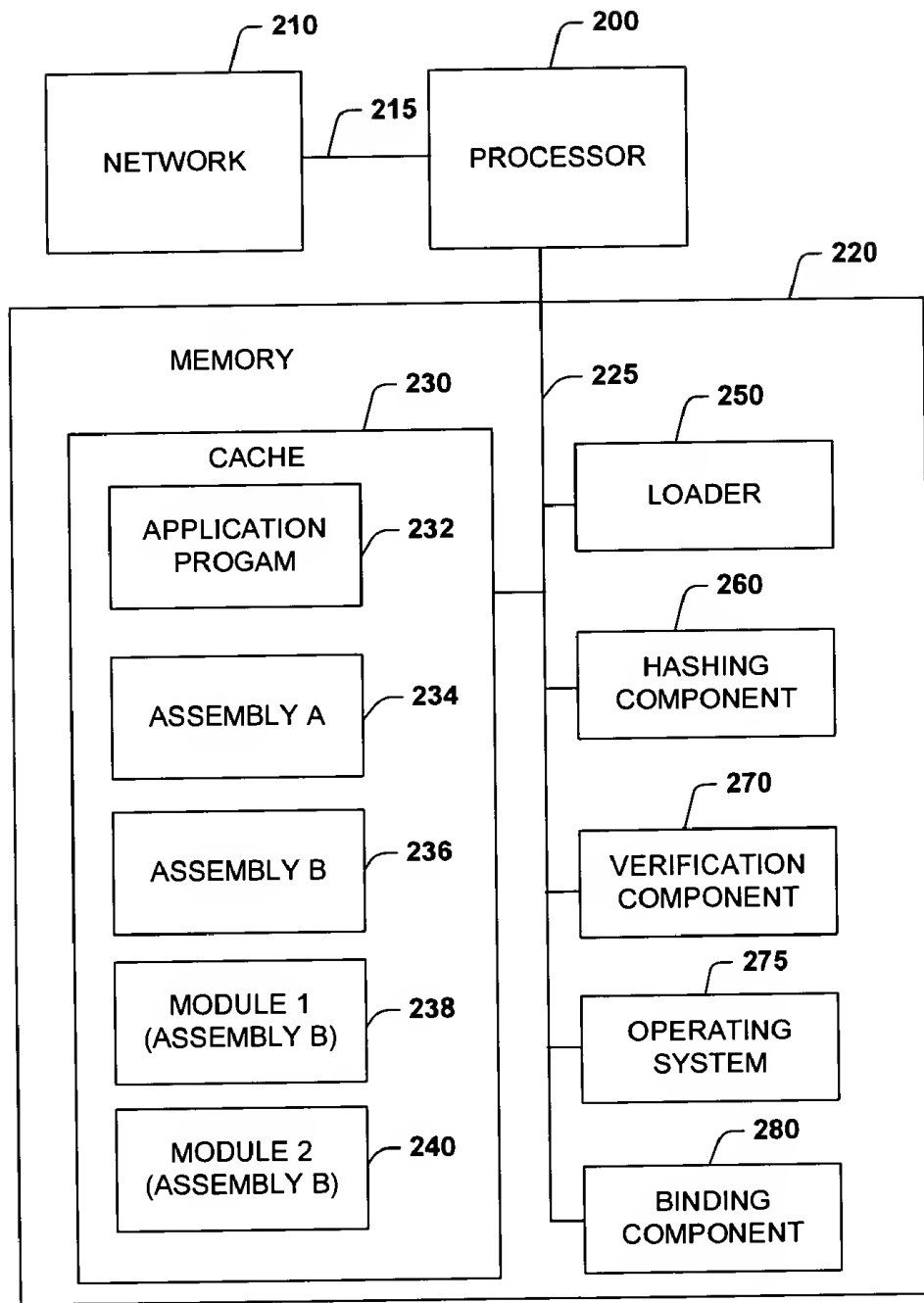


Fig. 5

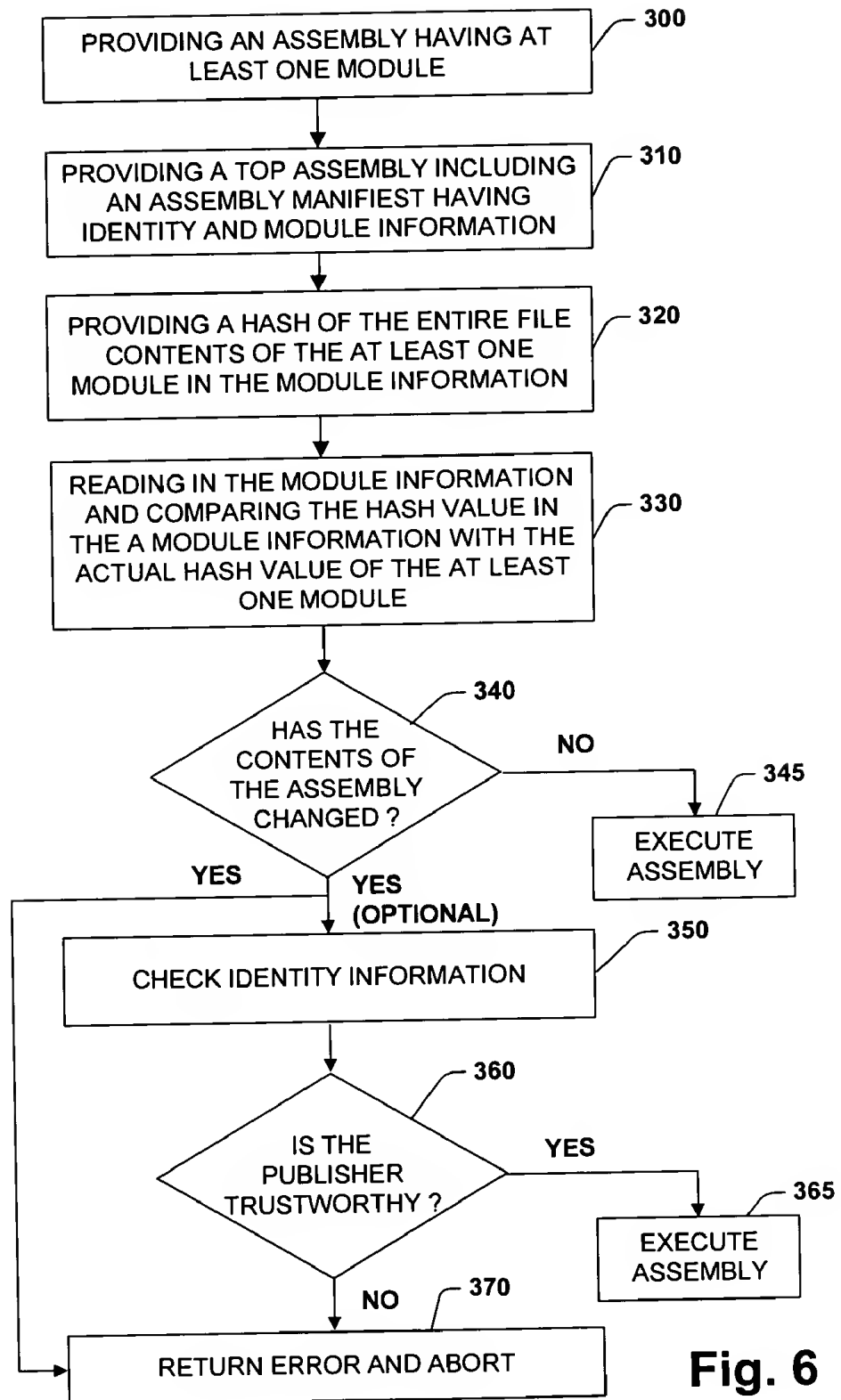


Fig. 6

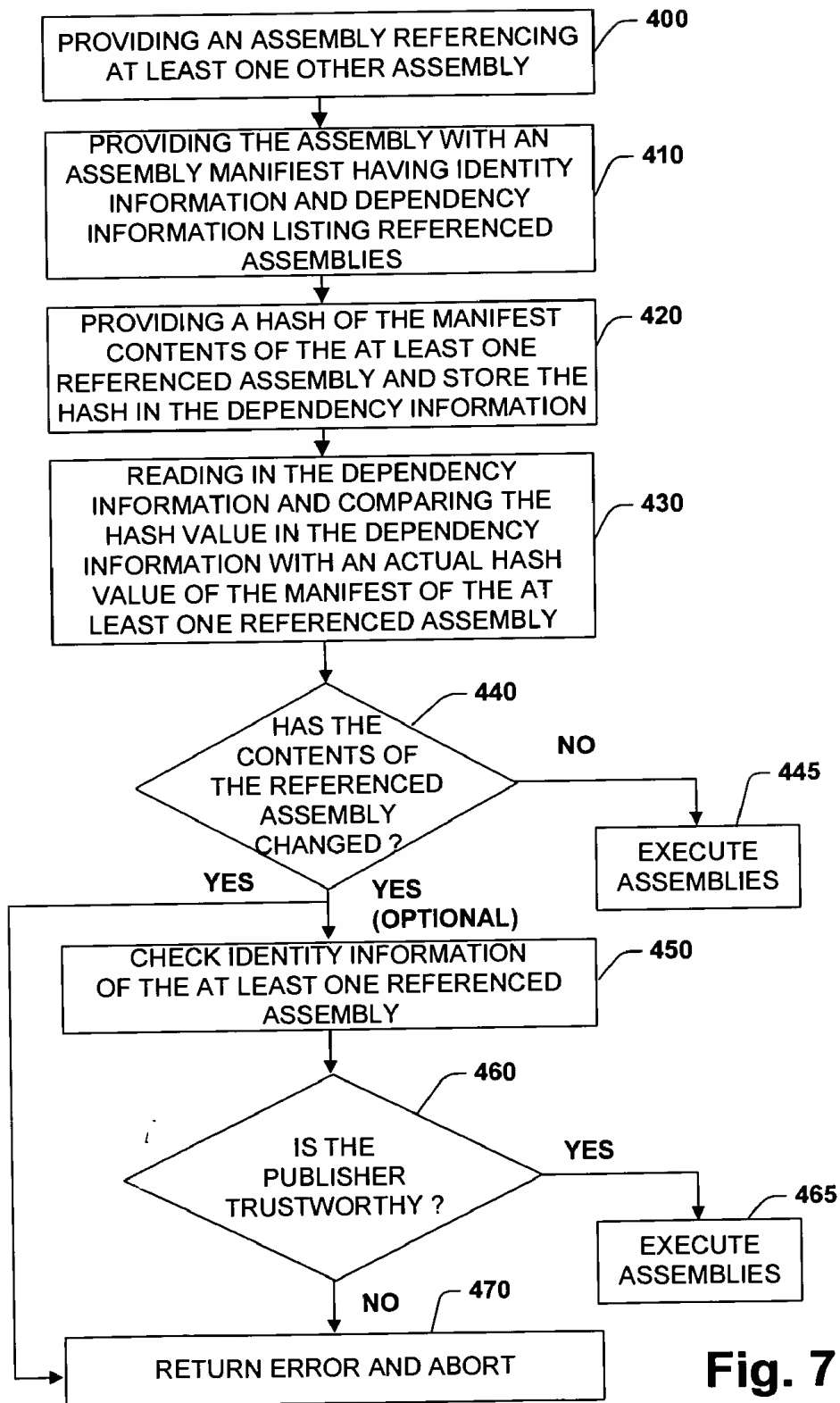


Fig. 7